

# SQA in Cycle Maintenance

Portobello High School, Edinburgh  
After School Bike Club



Pupils at Portobello High School working towards their Level 3 qualification in Cycle Maintenance worth 6 SQA credits.

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# SQA in Cycle Maintenance

Portobello High  
School, Edinburgh



## Overview

The course provides the opportunity for students to gain a Level 3 qualification in Cycle Maintenance. The course, which is equivalent to a Velotech Silver, an industry standard qualification, teaches young people how to recondition a bike including removing and replacing the components in the gear and brake systems.

### What happens:

A multi-week course structure has been developed, with a course outline and lesson plans designed for teaching staff to deliver the lessons. It is recommended that those delivering or assisting have a Velotech bike maintenance qualification or equivalent however not essential.

### How to set-up:

The SQA course is ran as part of an After Schools Club at Portobello and required both a school staff member and Sustrans member of staff to set it up. A workshop space is useful to run the course, such as a CDT classroom or a clear, sheltered space where pupils can use tools and equipment to recondition the bikes.

Following the initial running of the course, a school staff member will have the skills to lead the course for future years.

## Pupil Perspective

We asked Thomas, an S1 pupil from Portobello High School, who has been taking part in the course his thoughts:

### Why did you choose to do this course?

Really like bikes, want to know more and enjoy making and fixing stuff.

### What skills have you developed attending the course?

Fixing bikes, could hardly do that before. Before could only check for wobbly tyres. Feel more confident.

### How do you plan to use the course in the future?

Useful for my own bike. Also interested in doing more bike maintenance things in the future.



## Main Benefits



Pupils gain an SQA in Cycle Maintenance (National 3) worth 6 SCQF credits



Develops both problem solving skills and bike maintenance skills



Can be delivered in school time or as part of an After Schools Club

**“Seeing the pupil’s improvement by problem solving teamwork and sense of achievement over just a few weeks is amazing.”**

Kerr, I Bike Officer

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